translating said first header into a second header including said second address as a destination address;

creating a second packet having a second header from said first packet; and

sending said second packet to said second device.

9. A method according to claim 8, wherein the step of translating said first address translates said first address into said second address by deleting a predetermined pattern added to said first address.

10. A method according to claim 8, wherein said first address and said second address are correlated with each other and pre-stored, and said step of translating said first address translates said first address into said second address correlated with said first address and pre-stored.

11. A method according to claim 8, further comprising the steps of:

holding at least one third address of a second length; and

assigning to a fourth address of said first length included in said first header as a source address, any of said held at least one third address and in said step of translating said first header, translating said first header into said second header including said assigned any third address as the source address.

12. A method according to claim 11, further comprising the step of:

sending address translating information including said fourth address and said any third address correlated with said fourth address to said second device.

13. A method according to claim 11, further comprising the step of:

storing said fourth address and said any third address to correlate with each other.

14. A method according to claim 11, further comprising the steps of:

pre-storing a third address of said first length and a fourth address of said second length to correspond to each other;

wherein said third address included in said first header as a source address into said fourth address pre-stored to correspond to said third address; and

in said first header translating step, translating said first header into said second header including said fourth address as a source address.

15. A method of relaying a packet sent from a first device using a first protocol to a second device using a second protocol, comprising the steps of:

receiving from said first device a first packet having a first protocol which is sent using said first protocol;

translating a first address into a second address, said first address having a first length and being included in said first protocol header as a destination address and said second address having a second length and being assigned to said second device;

translating a third address into a fourth address of said second length, said third address having said first length and being included in said first protocol header as a source address;

translating said first protocol header into a second protocol header, said second protocol header including said second address as a destination address and including said fourth address as a source address;

creating a second packet having said second protocol header from said first packet; and

sending said second packet to said second device.

16. A method according to claim 15, wherein the step of translating said first address translates said first address into said second address by deleting a predetermined pattern added to said first address.

17. A method according to claim 15, wherein said first address and said second address are correlated with each other and pre-stored, and said step of translating said first address translates said first address into said second address correlated with said first address and pre-stored.

18. A method according to claim 15, further comprising the steps of:

holding at least one fourth address of said second length; and

in said third address translating step, assigning to said third address, any of said held at least one fourth address.

19. A method according to claim 18, further comprising the step of:

sending address translating information including said third address and said any fourth address correlated with said third address to said second device.

20. A method according to claim 18, further comprising the step of:

storing said third address and said any fourth address to correlate with each other.

21. A method according to claim 15, further comprising the steps of:

pre-storing said third address and said fourth address of said second length to correspond to each other;

in said third address translating step, translating said third address into said pre-stored fourth address included in said first header as a source address into said fourth address pre-stored to correspond to said third address; and

in said first header translating step, translating said first header into said second header including said fourth address as a source address.

22. A method of rendering communication between first and second devices, said first device using a first protocol using an address of 128 bits, and said second protocol using an address of 32 bits, comprising the steps of:

receiving from said first device a first packet having a first protocol header;

translating said first address into a second address, said first address being included in said first protocol header as a destination address, and said second address having 32 bits assigned in said second device;

translating said first protocol header into a second protocol header including said second address as a destination address;

creating a second packet having second protocol header from said first packet; and

sending said second packet to said second device.

23. A method according to claim 22, wherein the step of translating said first address translates said first address into said second address by deleting a predetermined 96-bit pattern added to said first address.

24. A method according to claim 22, wherein the step of translating said first address extracts said second address having 32 bits included in said first address, and translates said first address into said second address.

25. A method according to claim 22, further comprising the steps of:

holding at least a third address of 32 bits;

assigning to a fourth address of 128 bits included in said first header as a source address, any of said held at least a third address; and in said step of translating said first header, translating said first header into said second header including said assigned any third address as the source address. --